

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| 1. LICENSEE/LOCATION INSPECTED: Wayne State University Health Physics Department 5425 Woodward Ave., 3rd Floor Detroit, MI 48202 REPORT NUMBER(S) 2011-001 | 2. NRC/REGIONAL OFFICE Region III: 2443 Warrenville Rd., Ste. 210 Lisle, IL 60532-4352 | |
| 3. DOCKET NUMBER(S) 030-01995 | 4. LICENSE NUMBER(S) 21-00741-08 | 5. DATE(S) OF INSPECTION 9/13-15 thru 9/28/11 |

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

_____ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

| TITLE | PRINTED NAME | SIGNATURE | DATE |
|---------------------------|--------------------|---------------------------|-----------|
| LICENSEE'S REPRESENTATIVE | | | |
| NRC INSPECTOR | Deborah A. Piskura | <i>Deborah A. Piskura</i> | 9/28/2011 |
| BRANCH CHIEF | Tamara E. Bloomer | <i>Tamara Bloomer</i> | 9/28/11 |

Docket File Information
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| 6. INSPECTION PROCEDURES USED 87126 | | 7. INSPECTION FOCUS AREAS 03.01 - 03.07 | |

SUPPLEMENTAL INSPECTION INFORMATION

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|-----------------------------|------------------|---|---------------------------------------|
| 1. PROGRAM CODE(S) 01100 | 2. PRIORITY 3 | 3. LICENSEE CONTACT Maha Srinivasan, M.S., RSO | 4. TELEPHONE NUMBER (313) 577-0019 |
|-----------------------------|------------------|---|---------------------------------------|

Main Office Inspection Next Inspection Date: Sept. 2014

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This licensee was a large university with an enrollment of 25,000+ students and 2,000 faculty members. The university operated a Type A broad scope program. The Radiation Safety Office was staffed with a dedicated, full-time RSO, two staff health physicists, two HP technicians, as well as, secretarial and support members. The university established a radiation safety committee which reviewed and approved users, uses and facilities. RAM (CHIPS) was used for research and development, as defined in Section 30.4 and for student teaching purposes. The radiation safety office performs semi-annual audits and confirmatory surveys of its research labs. The RSC approved 90 authorized users (Approval Holders) and 150 labs for use of licensed materials. The RSC granted permits for the Approval Holders for a three year term. Approximately 300 individuals worked under the supervision of the Approval Holders. Several sources were listed on the license however, the university transferred/disposed of these sources since and prior to the previous inspections. This included a government-owned Cf-252 source. The inspector reviewed documentation showing disposition of these sources and provided guidance to the licensee on the process to remove these various sources from its license.

This inspection consisted of interviews with licensee personnel, a review of selected records, a tour of selected research labs and storage areas, and independent measurements. The inspection included observations of experiment set ups, surveys for compliance with NRC requirements, security of licensed material, and use of personnel monitoring. This inspection included in-office review and discussions with NMSS on the licensee's obligations concerning a previously owned Cf-252 source.